



Safer Consumer Products Program Update

Green Ribbon Science Panel September 13, 2017

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Safer Consumer Products Branch
Safer Products and Workplaces Program



Department of Toxic Substances Control



CalEPA



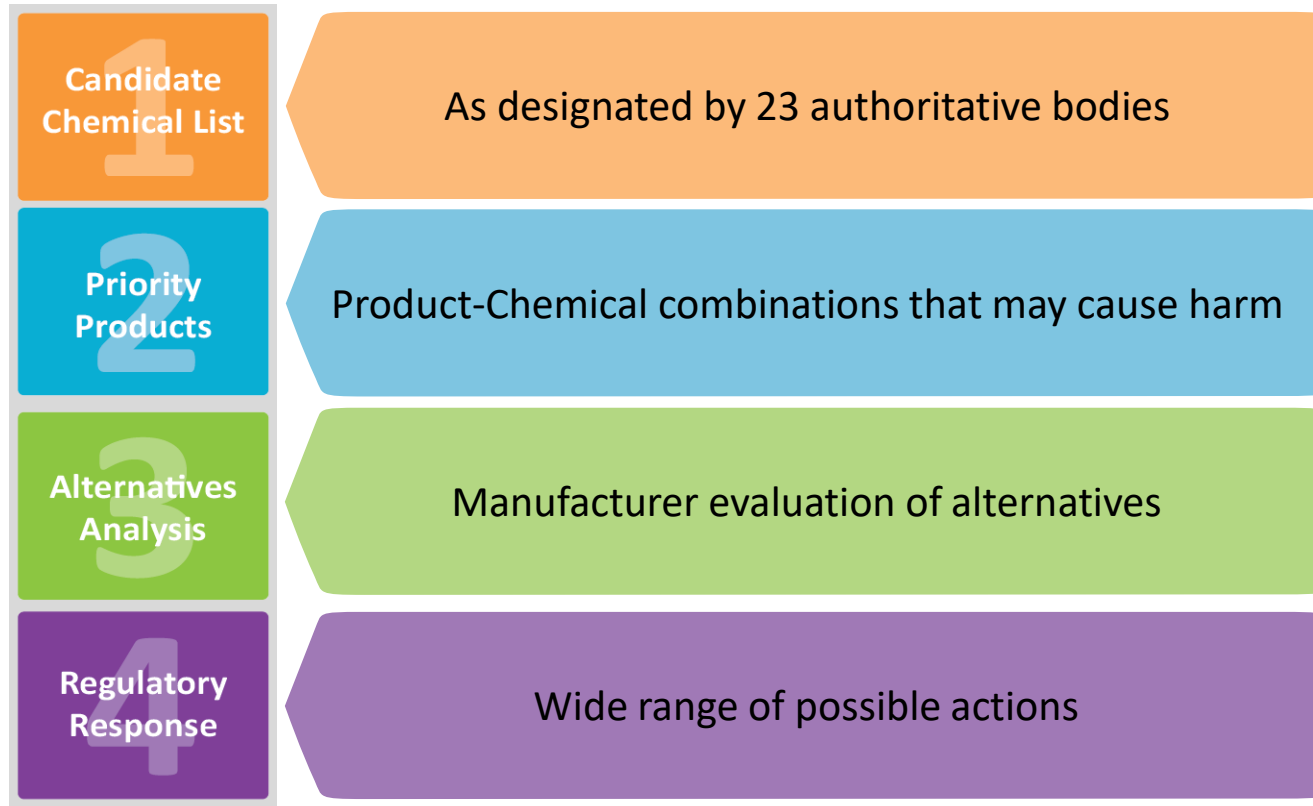
The Three Pillars of the SCP Program

Build Capacity

Lead the Way

Execute

Safer Consumer Products Framework



CC List Update

- Changes Jan – July 2018
 - 21 additional chemicals
 - CDC (VOC metabolites)
- 54 other chemicals already on CC list, added to additional list:
 - Siloxanes (D4-D6 listed by EC SVHC as PBTs)
 - CDC started monitoring some existing CCs (Bisphenol S and F, flame retardants; no new HT info)
 - Prop 65: 1,1-dichloroethylene
 - IARC: styrene -related chemicals



The 2018-2020 Priority Products Work Plan



- Beauty, Personal Care, and Hygiene
- Cleaning Products
- Household, School, and Workplace Furnishing and Décor
- Building Products and Materials Used in Construction and Renovation
- Consumable Office, School and Business Supplies
- Lead-Acid Batteries
- Food Packaging



Product Prioritization & Identification of Priority Products



Children's foam-padded sleeping products with TDCPP or TCEP flame retardants - **adopted**



Spray Polyurethane Foam with unreacted MDI - **adopted**



Methylene chloride paint strippers – **rulemaking...**

Paint strippers and graffiti removers with NMP – **proposed**



Laundry detergents with NPE - **proposed**



Carpets and rugs with PFAS - **proposed**



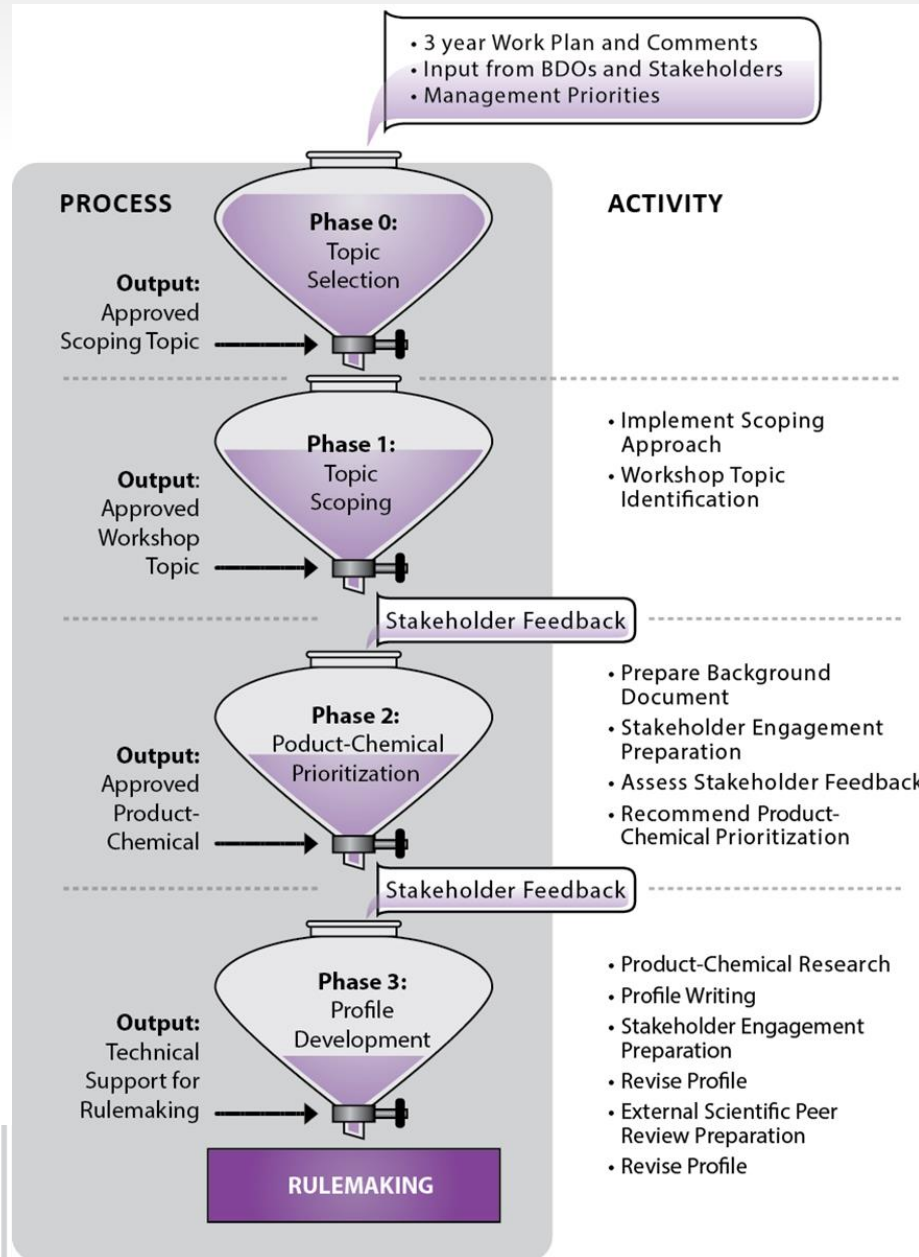
Nail salon products - **researching**



Lead acid batteries - **researching**



Researching and Adopting New Priority Products



Zinc in tires

Petition from the California Stormwater Quality Association



Zinc in tires exposure considerations

- Currently under merits review
- If approved, Priority Product listing would require rulemaking

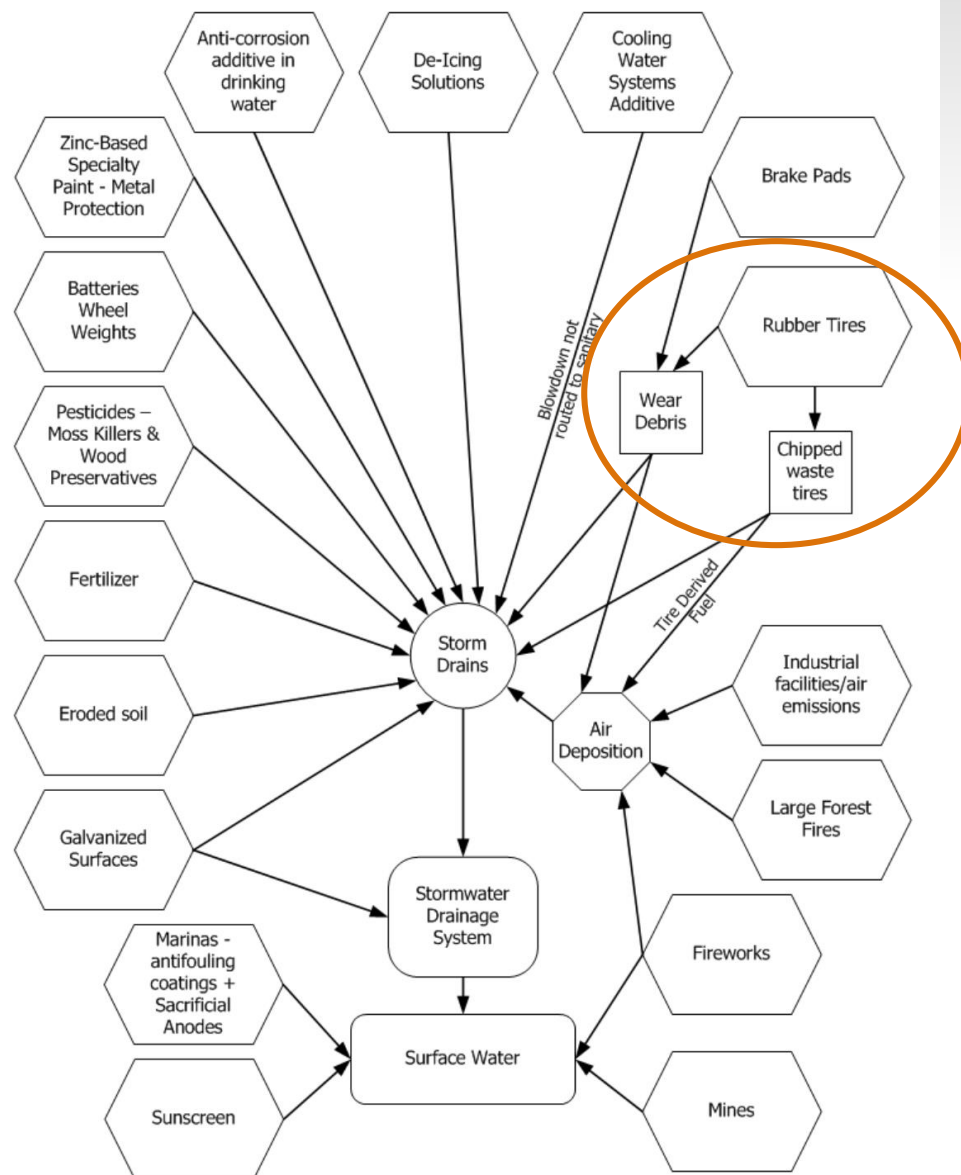


Figure 1. Zinc Sources Conceptual Model



Children's foam-padded sleeping products with TDCPP or TCEP flame retardants: Results?



Investigation...

Objectives

- Determine if Priority Products are still on the market in California that contain TDCPP and TCEP. If so, collect information for enforcement action.
- Evaluate the presence of banned or emerging flame retardants

Methods

- XRF Screening of all samples – Phosphorus, Chlorine, Bromine, Antimony
- GC-MS analysis of all samples – TDCPP, TCEP and 15 additional FRs
- Sampled 21 products from 3 major retailers: Amazon, Walmart, and Target



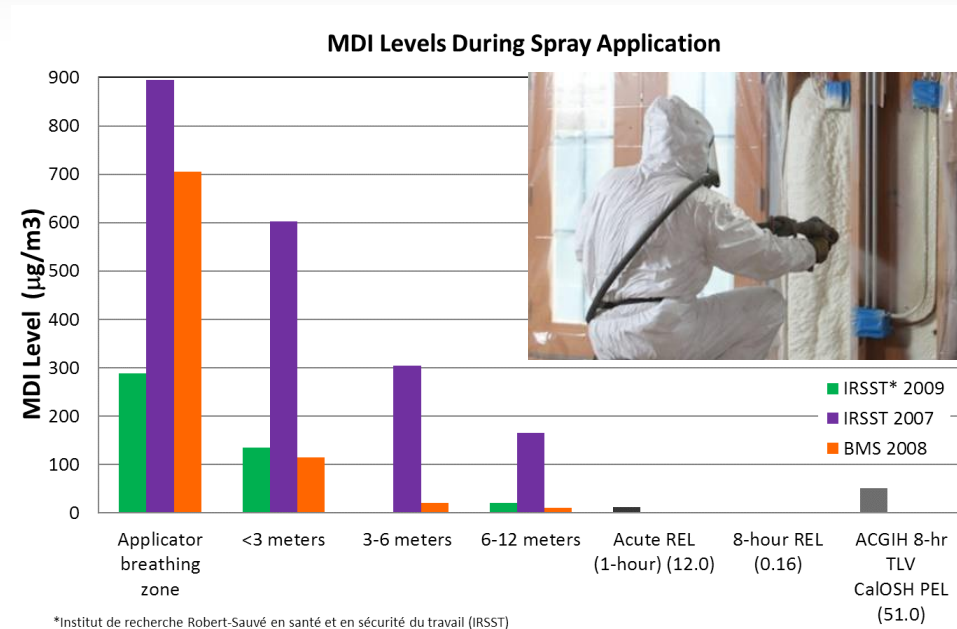
Preliminary Results

- No compliance or enforcement actions necessary
- May be concerns about other detected FRs
- DTSC will develop report for public release



Spray Polyurethane Foam with MDI

- SPF Industry and DTSC currently in informal dispute process
- Requirements for notification and conducting AA's on hold pending dispute resolutions



Alternatives Analysis – stakeholder support

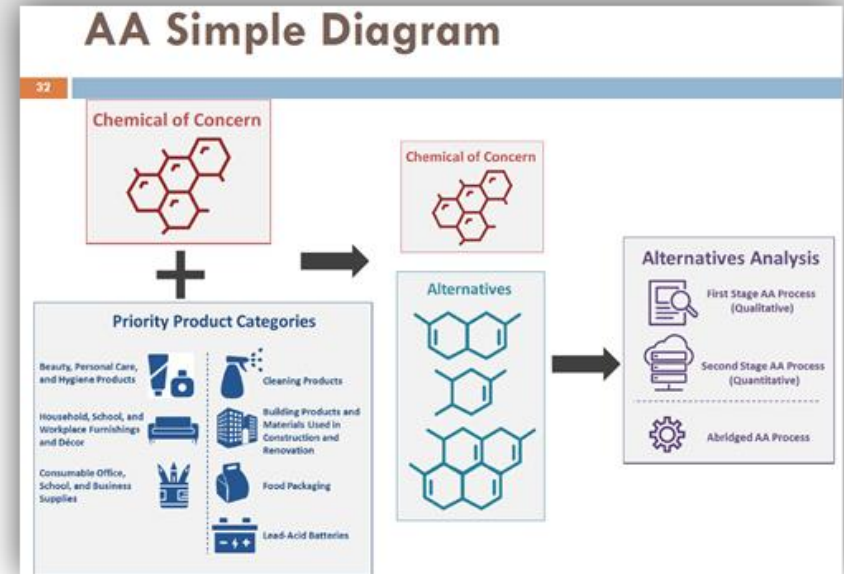
- AA Guide 1.0

- Trainings

- AA Workshop on Life Cycle Impacts and Exposure Assessment, Aug 9-10
- Monetizing Impacts to Public Health – Case Study on Select Air Pollutants, March 5th <https://www.dtsc.ca.gov/SCP/Workshops.cfm>

- Templates and tools

- Preliminary AA Report Template v 1.0
https://dtsc.ca.gov/SCP/Preliminary_AA_Report_Template.cfm





SAFER CONSUMER PRODUCTS

- ◆ [SCP Home](#)
- ◆ [News & Press Releases](#)
- ◆ [SCP Program Overview](#)
- ◆ [Candidate Chemicals](#)
- ◆ [Priority Products](#)
- ◆ [Priority Product Work Plan](#)
- ◆ [Alternatives Analysis](#)
- ◆ [Regulatory Response](#)
- ◆ [Workshops & Events](#)
- ◆ [Petitions](#)
- ◆ [SCP Resources](#)
- ◆ [Green Ribbon Science Panel](#)

ANNOUNCEMENTS

- ◆ [Alternatives Analysis Guide, Version 1.0](#)
- ◆ [Paint Stripper with Methylene Chloride Proposed Priority](#)



Alternatives Analysis Examples

The California Department of Toxic Substances Control (DTSC) has reviewed 13 publicly available examples of alternatives assessments prepared by various industry groups and regulatory agencies. DTSC's goal was to identify areas within each example that illustrate various aspects of the SCP Alternatives Analysis regulatory requirements. More in-depth information on each example is available by clicking the "View Commentary" link. For details on how the examples were reviewed and the areas recommended for improvement, please visit the [Alternatives Assessments: Examples and Lessons Learned](#) document.

Important Note: These examples and the accompanying document are advisory in nature, informational in content, and intended to assist responsible entities that are conducting an Alternatives Analysis. The evaluation of examples does not constitute a standard or regulation, and creates no new legal obligation. It does not alter or determine compliance responsibilities set forth in statutory and regulatory requirements.

Alternatives Assessment Examples Review

ID	Examples	Areas Highlighted
1	NPE in all-purpose cleaner Author: BizNGO Date: November 2013	<ul style="list-style-type: none">• Product requirements• Identification of relevant factors• Initial screening• Life cycle impacts• Data gaps and uncertainty View commentary
2	Bisphenol A in thermal paper Author: Design for the Environment, US EPA Date: September 2015	<ul style="list-style-type: none">• Product requirements• Identification of alternatives• Human health hazard• Data gaps and uncertainty• Decision-making

2nd International Symposium on Alternatives Assessment: Building the Field

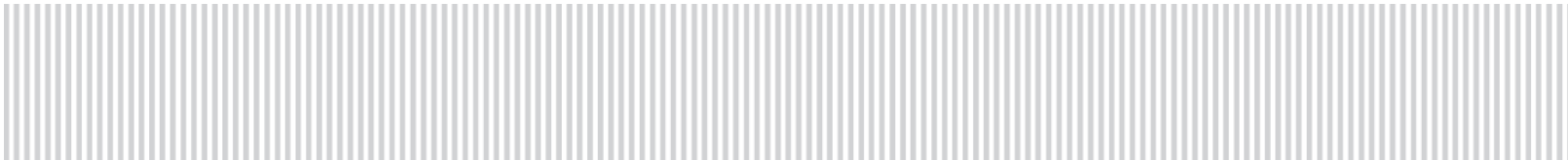
California Environmental Protection Agency (CalEPA)

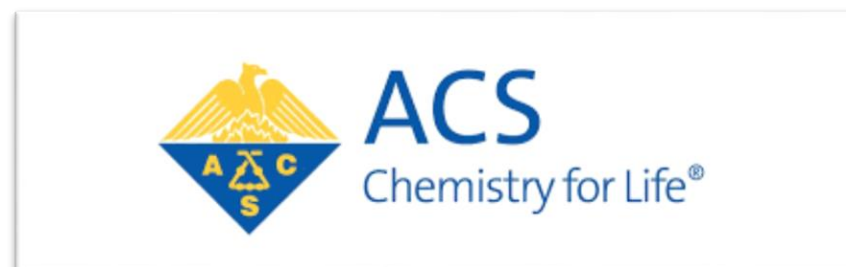
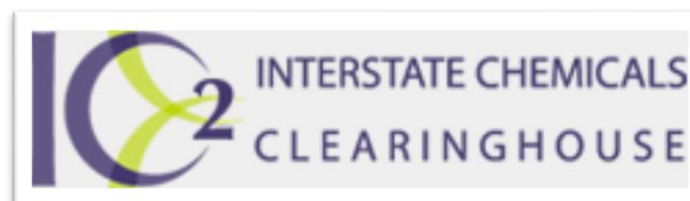
Sacramento, California | November 1-2, 2018



<https://www.saferalternatives.org/>







CalSAFER – More than just a web portal...



Search



Comment



Submit



Candidate
Chemical List

CalSAFER

Welcome to the CalSAFER data management system maintained by the Department of Toxic Substances Control (DTSC). It operates as the information center for the regulatory activities of the Safer Consumer Products Program (SCP).

[Click here to learn more about CalSAFER.](#)

Responsible Entities

- Submit a Notification >
- Submit an AA Report >

Stakeholders

- Submit a Comment
- Submit a Petition >

For more information about the SCP program, visit www.dtsc.ca.gov/scp.

Priority Products

[Children's Foam-Padded Sleeping Products with TDCPP or TCEP](#)

■ Adopted

[Spray Polyurethane Foam Systems with Unreacted Methylene Diphenyl Diisocyanates \(MDI\)](#)

■ Adopted

[Show All...](#)

Comment Periods

[Draft Product-Chemical Profile for Paint and Varnish Strippers and Graffiti Removers containing 1-methyl-2-pyrrolidone \(NMP\)](#)

■ Open (Closes Oct 1, 2018)

[Product-Chemical Profile for NPEs in Laundry Detergent](#)

■ Closed

[Product-Chemical Profile for Perfluoroalkyl and Polyfluoroalkyl \(PFASs\) in Carpets and Rugs](#)

■ Closed



What can CalSAFER do for stakeholders?

- Submit:
 - Notifications
 - AAs
 - Petitions
 - Trade Secret documents
- Comment:
 - Provide input to DTSC
 - See comments from other stakeholders
- Review, search, and export:
 - All published submissions
 - Candidate Chemicals Database
 - Priority Products List



What can CalSAFER do for SCP?

- Review and manage stakeholder submissions
 - Staff assignments
 - Ensure Trade Secret protections
 - Upload documents
- Send communications to stakeholders regarding a submission
- Access notes and other background documentation for the Candidate Chemicals Database
- Allow SCP ease of coordination with CalSAFER users



CalSAFER – Building capacity and providing service

- Access to information
- Transparency
- Dialogue
- Compliance Assistance
- Collaboration
- Protection of CBI



RevTech 2018
Most Innovative Team Award



Building capacity...

SCP received approval to hire six new positions:

- Staff toxicologist
- Senior Environmental Scientist
- 3 Environmental Scientists
- Hazardous Substances Engineer



Thank you

Contact me

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SCP home page

<http://www.dtsc.ca.gov/SCP>

CalSAFER

<http://calsafer.dtsc.ca.gov>

Candidate Chemical List

Product Listings/Rulemaking/
Petitions/ Technical documents

eList

<http://bit.ly/scpupdates>

